10/538,977

Art Unit:

2617

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this

application:

Please cancel claim 14 without prejudice.

Listing of Claims:

1. (Currently Amended) A method for a system comprising between a communications device

and a communications network, wherein which the communications network generally provides

at least a direct cell access mechanism and an alternative cell access mechanism for the

communications device for uplink access to the communications network, and wherein the direct

cell access mechanism is a mechanism enabling the communications device to directly start

sending user data on a traffic channel, the method comprising:

determining by the communications network and indicating to the communications device

whether the direct cell access mechanism can at a given time be provided.

2. (Original) A method according to claim 1, wherein in a situation in which the direct cell access

can not be provided the method comprises:

indicating to the communications device that the alternative cell access mechanism

should be used.

3. (Original) A method according to claim 2, wherein the alternative cell access mechanism

comprises using a separate access channel for uplink access.

4. (Previously Presented) A method according to claim 1, wherein said indicating whether the

direct cell access mechanism can be provided comprises indicating whether the communications

device can directly start sending user data on a traffic channel at a high data rate.

5. (Currently Amended) A method according to claim 1-4, wherein a radio interface between the

mobile communications device and the communications network base station is layered into

protocol layers which form a protocol stack, and the traffic channel forms part of a logical traffic

2

10/538,977

Art Unit:

2617

channel operating on a data link layer (Layer 2) of the protocol stack.

6. (Original) A method according to claim 5, wherein said indicating whether the communications device can directly start sending on a traffic channel is carried out on a network layer

(Layer 3) of the protocol stack.

7. (Original) A method according to claim 1, wherein said indicating whether the direct cell

access mechanism can be provided is performed by sending a broadcast message to a set of

communications devices including the communications device of claim 1.

8. (Original) A method according to claim 7, wherein said broadcast message contains a

parameter value further restricting the set of communications devices.

9. (Original) A method according to claim 1, wherein said indicating whether the direct cell

access mechanism can be provided is performed by sending a multicast message to a limited set

of communications devices including the communications device of claim 1.

10. (Original) A method according to claim 1, wherein said indicating whether the direct cell

access mechanism can be provided is performed by sending a point-to-point message to the

communications device.

11. (Previously Presented) A method according to claim 7, wherein said message conveys to the

communications device a parameter value indicating whether the direct cell access mechanism is

enabled.

12. (Currently Amended) A method according to claim_1, wherein the communications network

comprises a base station serving a cell of a mobile communications system, and wherein the

method comprises:

performing traffic and/or radio measurements by the base station; and determining by the

base station whether the direct cell access mechanism can at a given time be provided on the

basis of said measurements.

3

10/538,977

Art Unit:

2617

13. (Previously Presented) A communications device configured for operation with a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for the communications device for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the communications device comprising:

means (RF, MCU, 515, SW) for receiving an indication sent by the communications network, the indication indicating to the communications device whether the direct cell access mechanism can at a given time be provided.

14. (Canceled).

15. (Previously Presented) A base station of a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for a communications device for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the base station comprising:

means for determining and indicating to the communications device whether the direct cell access mechanism can at a given time be provided.

16. (Previously Presented) A system comprising a communications device and a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for the communications device for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the communications network comprising:

means for determining and indicating to the communications device whether the direct cell access mechanism can at a given time be provided; and the communications device comprising:

10/538,977

Art Unit:

2617

means (RF, MCU, 515, SW) for receiving said indication.

17. (New) A communications device configured for operation with a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for the communications device for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the communications device comprising:

a receiver for receiving an indication sent by the communications network, the indication indicating to the communications device whether the direct cell access mechanism can at a given time be provided, the communications device being configured to use said direct cell access mechanism in response to receiving said indication.

18. (New) A communications device according to claim 17, wherein the communications device is a mobile hand-held device of a cellular communications network.

19. (New) A communications device according to claim 17, wherein said indicating whether the direct cell access mechanism can be provided comprises indicating whether the communications device can directly start sending user data on a traffic channel at a high data rate.

20. (New) A communications device according to claim 17, wherein a radio interface between the mobile communications device and the communications network is layered into protocol layers which form a protocol stack, and the traffic channel forms part of a logical traffic channel operating on a data link layer (Layer 2) of the protocol stack.

21. (New) A communications device according to claim 20, wherein said indicating whether the communications device can directly start sending on a traffic channel is carried out on a network layer (Layer 3) of the protocol stack.

22. (New) A communications device according to claim 17, wherein the communications device is configured to receive a broadcast message comprising said indication.

23. (New) A communications device according to claim 17, wherein the communications device

10/538,977

Art Unit:

2617

is configured to receive a multicast message comprising said indication.

24. (New) A communications device according to claim 17, wherein the communications device

is configured to receive a point-to-point message comprising said indication.

25. (New) A communications device according to claim 17, wherein the communications device

is configured to receive a parameter value indicating whether the direct cell access mechanism is

enabled.

26: (New) An apparatus, wherein

the apparatus is configured to provide generally at least a direct cell access mechanism and an

alternative cell access mechanism for a communications device for uplink access to a

communications network, wherein the direct cell access mechanism is a mechanism enabling the

communications device to directly start sending user data on a traffic channel, the apparatus

comprising:

a determination module and a transmitter for determining and indicating to the communications

device whether the direct cell access mechanism can at a given time be provided.

27. (New) An apparatus according to claim 26, wherein the apparatus is configured to operate as

a base station of the communications network.

28. (New) An apparatus according to claim 26, wherein in a situation in which the direct cell

access can not be provided, the apparatus is configured to indicate to the communications device

that the alternative cell access mechanism should be used.

29. (New) An apparatus according to claim 26, wherein the alternative cell access mechanism

comprises using a separate access channel for uplink access.

30. (New) An apparatus according to claim 26, wherein said indicating whether the direct cell

access mechanism can be provided comprises indicating whether the communications device can

directly start sending user data on a traffic channel at a high data rate.

31. (New) An apparatus according to claim 26, wherein a radio interface between the apparatus

6

10/538,977

Art Unit:

2617

and the communications device is layered into protocol layers which form a protocol stack, and the traffic channel forms part of a logical traffic channel operating on a data link layer (Layer 2) of the protocol stack.

32. (New) An apparatus according to claim 31, wherein said indicating whether the communications device can directly start sending on a traffic channel is carried out on a network layer (Layer 3) of the protocol stack.

33. (New) An apparatus according to claim 26, wherein the apparatus is configured to indicate whether the direct cell access mechanism can be provided by transmitting a broadcast message, multicast message or point-to-point message(s).

34. (New) An apparatus according to claim 26, wherein the apparatus is configured to indicate whether the direct cell access mechanism can be provided by transmitting a broadcast message, and wherein said broadcast message contains a parameter value restricting the set of communications devices to which the message is to be transmitted.

35. (New) An apparatus according to claim 26, wherein the apparatus is configured to indicate whether the direct cell access mechanism can be provided by transmitting a message comprising a parameter value indicating whether the direct cell access mechanism is enabled.

36. (New) An apparatus according to claim 26, wherein the apparatus is configured to operate as a base station of the communications network and wherein the apparatus is configured to perform traffic and/or radio measurements and to determine whether the direct cell access mechanism can at a given time be provided on the basis of said measurements.

37. (New) A method according to claim 1, wherein, in the direct cell access mechanism, the communications network broadcasts that a direct uplink access to a traffic channel is permitted.
38. (New) A method according to claim 37, wherein, in the alternative cell access mechanism, a two step process occurs in which the communications device first requests access to the communications network.